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## MATCHLESS 1933 MODELS

USEFUL INFORMATION											
MATCHLESS 1933 MODELS											
ITEM	D/7	D/2	D <sup>3</sup> D <sup>9</sup>	D/5	C	C/5	X/3	X/R3	SILVER ARROW	SILVER HAWK	
MEASUREMENTS	LENGTH SOLO	6' 7"	6' 7½"	6' 7½"	6' 7½"	6' 10½"	6' 10½"	7' 1"	7' 1"	7' 0"	7' 0"
	WIDTH SOLO	2' 6"	2' 6"	2' 6"	2' 6"	2' 5½"	2' 5½"	2' 5½"	2' 5½"	2' 5½"	2' 5½"
	WIDTH COMBINATION	-	-	-	4' 7"	④ 4' 9½"	4' 9½"	4' 9½"	④ 4' 9½"	5' 5½"	5' 5½"
	WHEEL BASE	4' 3"	4' 3"	4' 3"	4' 3"	4' 6½"	4' 6½"	4' 8"	4' 8"	4' 8"	4' 8"
	GROUND CLEARANCE	5"	5"	5"	5"	4½"	4½"	5"	5"	6"	6"
	SADDLE HEIGHT	2' 2"	2' 2"	2' 2"	2' 2"	2' 2½"	2' 2½"	2' 2½"	2' 2½"	2' 3½"	2' 3½"
FUEL	PETROL TANK CAPACITY	① 2.	2.	2	2	2½	2½	2½	2½	2½	2½
	OIL TANK CAPACITY	① 3	3	3	3	4	4	4	4	6	6
	PETROL CONSUMPTION SOLO	③ 100 120	100 120	95 115	80 90	80 90	85 90	70 80	70 80	90 105	75 80
	PETROL CONSUMPTION COMB.	③ -	-	-	60 75	60 75	70 85	50 60	50 60	75 90	60 65
	OIL CONSUMPTION SOLO	③ 1800 2000	1800 2000	1800 2000	1300 1500	1200 1400	1200 1400	1000 1200	1000 1200	1400 1800	1200 1400
	OIL CONSUMPTION COMB.	③ -	-	-	1200 1400	1100 1300	1100 1300	900 1000	900 1000	1500 1700	1000 1200
TRANSMISSION	FRONT CHAIN SIZE	7/8 x 265	7/8 x 265	7/8 x 265	7/8 x 265	1/2 x 305	1/2 x 305	1/2 x 305	1/2 x 305	7/8 x 265	7/8 x 250 DUPLEX 88
	FRONT CHAIN LINKS	76	76	76	77	68	68	68	68	68	-
	REAR CHAIN SIZE	1/2 x 305	1/2 x 305	1/2 x 305	1/2 x 305	5/8 x 378	5/8 x 378	5/8 x 378	5/8 x 378	1/2 x 305	5/8 x 378
	REAR CHAIN LINKS	114	114	114	114	90	90	90	90	125	101
	MAG CHAIN SIZE	1/2 x 3/16	1/2 x 3/16	1/2 x 3/16	1/2 x 3/16	1/2 x 3/16	1/2 x 3/16	1/2 x 3/16	1/2 x 3/16	-	-
	MAG CHAIN LINKS	40	36	36	36	37	37	58	58	-	-
GEARS	GEAR RATIO TOP	5.8	6.1	6.0	④ 5.1	⑤ 4.9	⑤ 4.9	⑥ 4.3	⑦ 3.8	5.9	5.7
	GEAR RATIO 3 <sup>RD</sup>	9.3	7.8	7.7	8.1	6.5	6.5	5.7	5.0	7.8	6.9
	GEAR RATIO 2 <sup>ND</sup>	17.5	10.0	8.9	13.2	8.7	8.7	7.6	6.7	10.4	10.1
	GEAR RATIO BOTTOM	-	16.6	16.6	-	14.6	14.6	12.6	11.3	17.5	17.0
TYRES	SIZE OF TYRES	25 x 3	26 x 3-25	26 x 3-25	26 x 3-25	⑨ 26 x 3-25	⑨ 26 x 3-25	⑨ 26 x 3-25	⑨ 26 x 3-25	⑨ 26 x 3-25	⑨ 26 x 3-25
	PRESSURE FRONT	⑧ 15-16	15-16	15-16	15-16	15-16	15-16	16-18	16-18	15-16	15-16
	PRESSURE REAR	⑧ 20-22	20-22	20-22	20-22	20-22	20-22	22-24	22-24	20-22	20-22
	PRESSURE SIDE	⑧ -	-	-	15-16	15-16	15-16	16-18	16-18	16-18	16-18
PRESSURE REAR COMB.	⑧ -	-	-	22-24	22-24	22-24	24-26	24-26	24-26	24-26	
WEIGHT/SPEED	MILES PER HOUR SOLO	48-52	60-65	65-70	58-65	60-65	73-78	60-75	75-80	60-65	80-85
	MILES PER HOUR COMB.	-	-	-	48-50	54-58	60-65	58-62	60-65	50-55	65-70
WEIGHT	SOLO IN LBS. LESS EQUIP <sup>T</sup>	203	238	245	238	320	325	364	364	314	375
	COMB IN LBS. LESS EQUIP <sup>T</sup>	-	-	-	341	444	450	489	489	450	495
ENGINE	BORE IN MILIMETRS	62.5	62.5	69	82.5	85.5	85.5	85.5	85.5	54	50.8
	STROKE IN MILIMETRS	80	80	93	93	101.6	85.5	85.5	85.5	86	73
	CUBIC CAPA <sup>T</sup> IN C.C.s	246	246	347	498	586	495	990	990	400	593
	ANGLE OF CYLINDERS	-	-	-	-	-	-	50°	50°	26°	26°
	COMPRESSION RATIO	4.9	6.5	5.6	4.4	5.1	6.6	4.8	4.8	5.6	6.1
NOTES	① PETROL IN GALLS OIL IN PINTS.		⑥ SIDECAR GEARS. 4.8. 6.4. 7.6. 12.6.								
	② WIDTH OF 2 SEATER. 5' 2½"		⑦ SIDECAR GEARS. 4.3. 5.7. 7.6. 12.8.								
	③ IN MILES PER GALLON		⑧ IN POUNDS PER SQUARE INCH								
	④ SIDECAR GEARS. 5.8. 9.2. 15.0.		⑨ 27 x 4. TYRES OPTIONAL. EXTRA.								
	⑤ SIDECAR GEARS. 5.4. 7.2. 9.5. 16.0.										